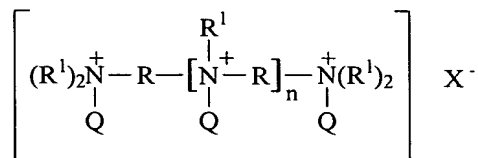


AMENDMENTS TO THE CLAIMS

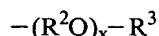
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A polyamine having the formula:



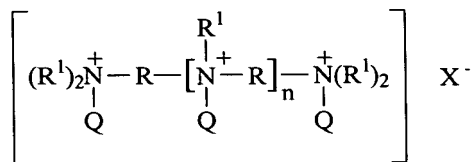
wherein R is C₆-C₁₂ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:



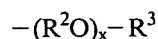
wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, benzyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₃₀ substituted or unsubstituted linear or branched alkyl, C₆-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl[[.]]~~ and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from [[0]] 1 to 3.

2. (currently amended) A compound according to Claim 1 wherein the at least one Q is benzyl.
3. (original) A compound according to Claim 1 wherein R is hexylene.
4. (original) A compound according to Claim 1 wherein R² is ethylene.
5. (original) A compound according to Claim 1 wherein R³ is hydrogen.

6. (original) A compound according to Claim 1 wherein x is from 18 to 22.
7. (original) A compound according to Claim 6 wherein x is 20.
8. (original) A compound according to Claim 1 wherein n is 1.
9. (currently amended) A compound according to Claim 2 wherein R is hexylene, R² is ethylene, R³ is hydrogen, x is 20, the at least one Q is benzyl, and n is 1.
10. (original) A compound according to Claim 9 wherein X is a water soluble anion selected from the group consisting of chlorine, bromine, iodine, methylsulfate, and mixtures thereof.
11. (currently amended) A laundry detergent composition comprising:
 - A) from about 0.01% to about 50% by weight of a hydrophobically modified polyamine having the formula:



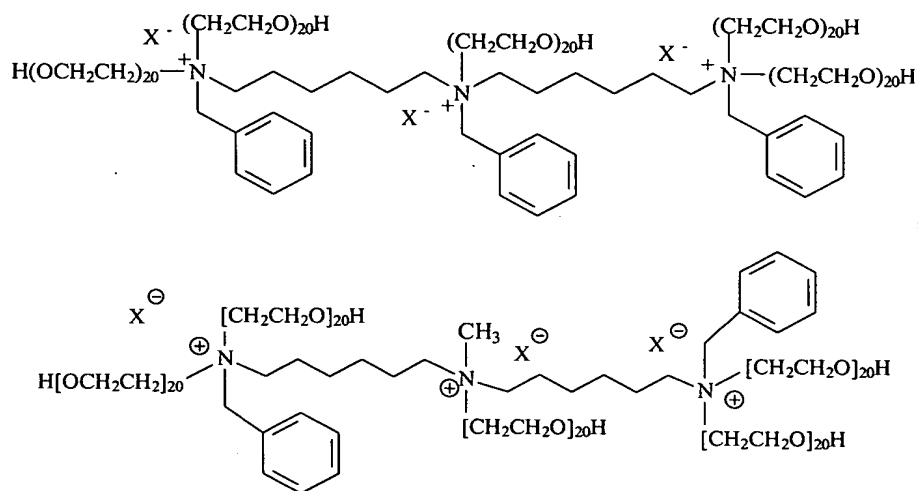
wherein R is C₆-C₂₀ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:



wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, C₁-C₂₂ alkyl, C₇-C₂₂ alkylenearyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₃₀ substituted or unsubstituted linear or branched alkyl, C₆-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl~~[[,]] and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from [[0]] 1 to 3;

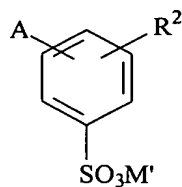
- B) from about 0.01% to about 80% by weight, of a surfactant system comprising one or more surfactants selected from:
 - i) from 0% to 100% by weight, of one or more anionic surfactants;
 - ii) from 0% to 100% by weight, of one or more nonionic surfactants;
 - iii) optionally from 0.1% to about 80% by weight, of one or more cationic surfactants;
 - iv) optionally from 0.1% to about 80% by weight, of one or more zwitterionic surfactants;
 - v) optionally from 0.1% to about 80% by weight, of one or more ampholytic surfactants; or
 - vi) mixtures thereof;
 - C) the balance carriers and adjunct ingredients.
12. (original) A composition according to Claim 11 wherein R is C₆-C₁₀ alkylene, and mixtures thereof.
13. (original) A composition according to Claim 12 wherein R is hexylene.
14. A composition according to Claim 11 wherein R² is ethylene, 1,2-propylene, and mixtures thereof.
15. (original) A composition according to Claim 14 wherein R² is ethylene.
16. (original) A composition according to Claim 14 wherein R³ is hydrogen.
17. (original) A composition according to Claim 14 wherein the index x is from 15 to 25.
18. (original) A composition according to Claim 17 wherein the index x is 20.
19. (currently amended) A composition according to Claim 11 wherein the remaining Q is C₁₂-C₁₈ linear alkyl, C₇-C₁₂ substituted or unsubstituted alkylenearyl, and mixtures thereof.
20. (currently amended) A composition according to Claim 19 wherein the at least one Q is benzyl.

21. (currently amended) A composition according to Claim 11 wherein the index n is [[0 or] 1.
22. (original) A composition according to Claim 11 wherein said hydrophobically modified polyamine is selected from hydrophobically modified polyamines having the formulas:

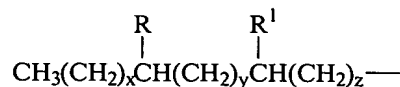


and mixtures thereof; wherein X is a water soluble anion selected from the group consisting of chlorine, bromine, iodine, methylsulfate, and mixtures thereof.

23. (original) A composition according to Claim 11 wherein said surfactant system comprises from about 0.01% to about 100% by weight, of one or more surfactants selected from:
- from about 1% to about 80% by weight, of an anionic surfactant selected from:
 - linear alkyl benzene sulfonates;
 - mid-chain branched aryl sulfonate surfactants having the formula:

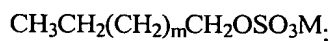


wherein A is a mid-chain branched alkyl unit having the formula:

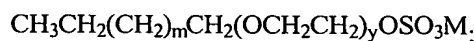


wherein R and R¹ are each independently hydrogen, C₁-C₃ alkyl, and mixtures thereof, provided the total number of carbon atoms in said alkyl unit is from 6 to 18 and at least one of R and R¹ is not hydrogen; x is an integer from 0 to 13; y is an integer from 0 to 13; z is 0 or 1; R² is hydrogen, C₁-C₃ alkyl, and mixtures thereof; M' is a water soluble cation with sufficient charge to provide neutrality;

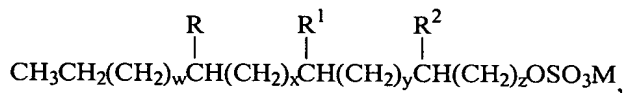
- c) branched alkyl sulfate surfactants having the formula:



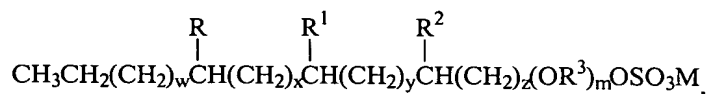
or the formula:



- d) mid-chain branched alkyl sulfate surfactants having the formula:



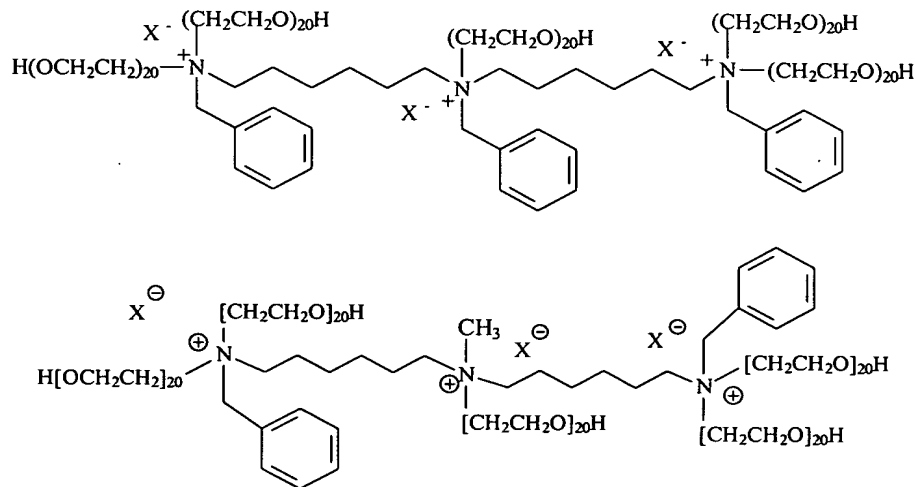
or the formula:



wherein R, R¹, and R² are each independently hydrogen, C₁-C₃ alkyl, and mixtures thereof, provided the total number of carbon atoms in said surfactant is from 14 to 20 and at least one of R, R¹, and R² is not hydrogen; the index w is an integer from 0 to 13; x is an integer from 0 to 13; y is an integer from 0 to 13; z is an integer of at least 1; provided w + x + y + z is from 8 to 14 and the total number of carbon atoms in a surfactant is from 14 to 20; R³ is ethylene, 1,2-propylene, 1,3-propylene, 1,2-butylene, 1,4-butylene, and mixtures thereof; the average value of the index m is at least about 0.01; M is hydrogen, a water soluble cation of sufficient charge to provide electronic neutrality, and mixtures thereof;

- ii) from 0% to 100% by weight, of one or more nonionic surfactants;
- iii) optionally from 0.1% to about 80% by weight, of one or more cationic surfactants;
- iv) optionally from 0.1% to about 80% by weight, of one or more zwitterionic surfactants;

- v) optionally from 0.1% to about 80% by weight, of one or more ampholytic surfactants; or
 - vi) mixtures thereof.
24. (original) A composition according to Claim 11 further comprising about 1% by weight of a builder.
25. (currently amended) A composition according to Claim 11 further comprising from about 1% to about 80% by weight, of a peroxygen bleaching system comprising:
- i) from about 40% to 100% by weight, of the bleaching system, a source of hydrogen peroxide;
 - ii) optionally from about 0.1% to about 60% by weight, of the ~~bleaching~~ bleaching system, a ~~beach~~ bleach activator;
 - iii) optionally from about 1 ppb of the composition, to about 50% by weight of the bleaching system, of a transition-metal bleach catalyst; and
 - iv) optionally from about 0.1% to about 10% by weight, of a pre-formed peroxygen bleaching agent.
26. (currently amended) A laundry detergent composition comprising:
- A) from about 0.01% to about 50% by weight of a hydrophobically modified polyamine selected from hydrophobically modified polyamines having the formulas:

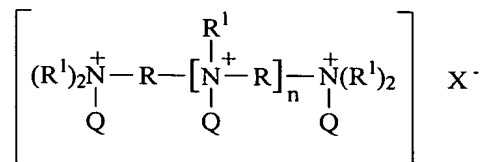


and mixture thereof; wherein X is a water soluble anion selected from the group consisting of chlorine, bromine, iodine, methylsulfate, and mixtures thereof

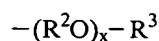
- B) from about 0.01% to about 80% by weight, of a surfactant system comprising one or more surfactants selected from:
- i) from 0% to 100% by weight, of one or more anionic surfactants;
 - ii) from 0% to 100% by weight, of one or more nonionic surfactants;
 - iii) optionally from 0.1% to about 80% by weight, of one or more cationic surfactants;
 - iv) optionally from 0.1% to about 80% by weight, of one or more zwitterionic surfactants;
 - v) optionally from 0.1% to about 80% by weight, of one or more ampholytic surfactants; or
 - vi) mixtures thereof;
- C) the balance carriers and adjunct ingredients.

27. (currently amended) A nil surfactant laundry composition comprising:

- a) from about 0.01% to about 80% by weight of a hydrophobically modified polyamine having the formula:

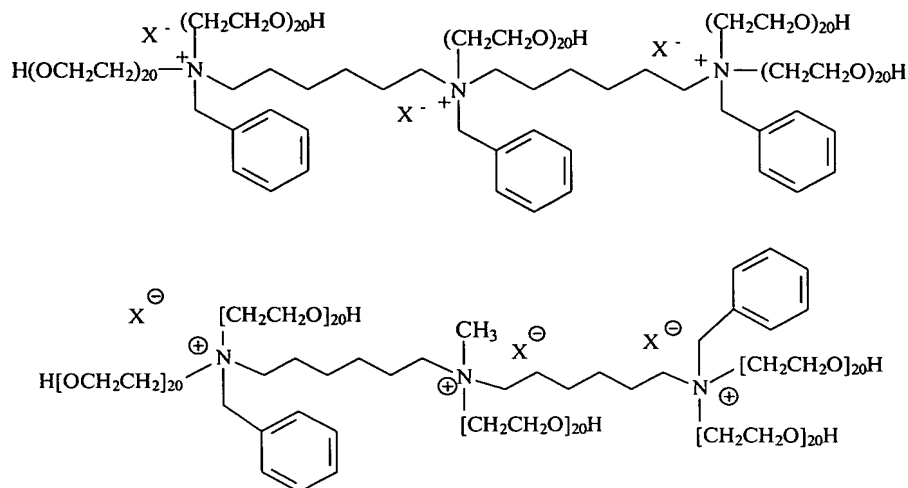


wherein R is C₆-C₂₀ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:



wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, C₁-C₂₂ alkyl, C₇-C₂₂ alkylenearyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₂₀ substituted or unsubstituted linear or branched alkyl~~, ~~C₆-C₂₀ substituted or unsubstituted cycloalkyl~~, C₇-C₃₀ substituted or unsubstituted alkylenearyl[[,]] and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted

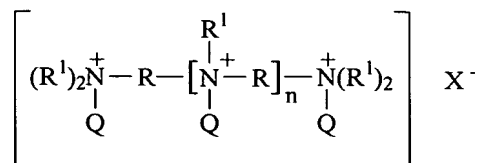
- or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from $[[0]]_1$ to 3; and
- b) the balance carriers and adjunct ingredients.
28. (original) A composition according to Claim 27 wherein R is C₆-C₁₀ alkylene, and mixtures thereof.
29. (original) A composition according to Claim 28 wherein R is hexylene.
30. (original) A composition according to Claim 27 wherein R² is ethylene, 1,2-propylene, and mixtures thereof.
31. (original) A composition according to Claim 30 wherein R² is ethylene.
32. (original) A composition according to Claim 30 wherein R³ is hydrogen.
33. (original) A composition according to Claim 30 wherein the index x is from 15 to 25.
34. (original) A composition according to Claim 33 wherein the index x is 20.
35. (currently amended) A composition according to Claim 27 wherein the remaining Q is C₁₂-C₁₈ linear alkyl, C₇-C₁₂ substituted or unsubstituted alkylenearyl, and mixtures thereof.
36. (currently amended) A composition according to Claim 35 wherein the at least one Q is benzyl.
37. (currently amended) A composition according to Claim 27 wherein the index n is $[[0 \text{ or}]]_1$.
38. (original) A composition according to Claim 27 wherein said hydrophobically modified polyamine is selected from hydrophobically modified polyamines having the formulas:



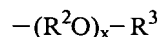
and mixtures thereof; wherein X is a water soluble anion selected from the group consisting of chlorine, bromine, iodine, methylsulfate, and mixtures thereof.

39. (original) A composition according to Claim 27 further comprising a catalytically effective amount of a transition-metal bleach catalyst which is a complex of a transition-metal and a cross-bridged macropolycyclic ligand wherein said composition further comprises no source of peroxygen.
40. (original) A composition according to Claim 27 further comprising about 1% by weight of a builder.
41. (currently amended) A composition according to Claim 27 further comprising from about 1% by weight, of a peroxygen bleaching system comprising:
 - i) from about 40% by weight, of the bleaching system, a source of hydrogen peroxide;
 - ii) optionally from about 0.1% by weight, of the ~~bleaching~~ bleaching system, a bleach activator;
 - iii) optionally from about 1 ppb of the composition, of a transition-metal bleach catalyst; and
 - iv) optionally from about 0.1% by weight, of a pre-formed peroxygen bleaching agent.
42. (currently amended) A laundry cleaning composition comprising:

- A) from about 0.01% by weight of a hydrophobically modified polyamine having the formula:



wherein R is C₆-C₂₀ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:

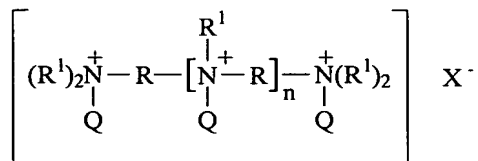


wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, C₁-C₂₂ alkyl, C₇-C₂₂ alkylenearyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₃₀ substituted or unsubstituted linear or branched alkyl~~, ~~C₆-C₃₀ substituted or unsubstituted cycloalkyl~~, C₇-C₃₀ substituted or unsubstituted alkylenearyl[,], and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from ~~[[0]]~~1 to 3;

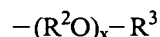
- B) a catalytically effective amount of a transition-metal bleach catalyst which is a complex of a transition-metal and a cross-bridged macropolycyclic ligand; and
C) the balance carriers and adjunct ingredients.

43. (currently amended) A method for cleaning fabric comprising the step of contacting an article of fabric with an aqueous solution containing at least 0.1% by weight of a composition comprising:

- A) from about 0.01% by weight of a hydrophobically modified polyamine having the formula:



wherein R is C₆-C₂₀ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:

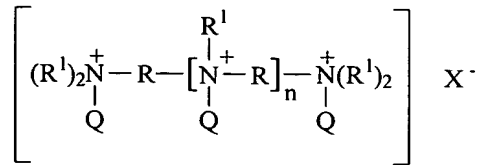


wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, C₁-C₂₂ alkyl, C₇-C₂₂ alkylenearyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₃₀ substituted or unsubstituted linear or branched alkyl, C₆-C₃₀ substituted or unsubstituted cycloalkyl~~, C₇-C₃₀ substituted or unsubstituted alkylenearyl[[,]] and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from [[0]] to 3;

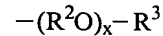
- B) from about 0.01% by weight, of a surfactant system comprising one or more surfactants selected from:
- i) from 0% to 100% by weight, of one or more anionic surfactants;
 - ii) from 0% to 100% by weight, of one or more nonionic surfactants;
 - iii) optionally from 0.1% to about 80% by weight, of one or more cationic surfactants;
 - iv) optionally from 0.1% to about 80% by weight, of one or more zwitterionic surfactants;
 - v) optionally from 0.1% to about 80% by weight, of one or more ampholytic surfactants; or
 - vi) mixtures thereof;
- C) the balance carriers and adjunct ingredients.

44. (currently amended) A method for cleaning fabric comprising the step of contacting an article of fabric with an aqueous solution containing at least 0.1% by weight of a composition comprising:

- A) from about 0.01% by weight of a hydrophobically modified polyamine having the formula:



wherein R is C₆-C₂₀ linear or branched alkylene, and mixtures thereof; R¹ is an alkyleneoxy unit having the formula:



wherein R² is C₂-C₄ linear or branched alkylene, and mixtures thereof; R³ is hydrogen, C₁-C₂₂ alkyl, C₇-C₂₂ alkylenearyl, and mixtures thereof; x is from about 15 to about 30; at least one Q moiety is a hydrophobic quaternizing unit selected from the group consisting of ~~C₈-C₃₀ substituted or unsubstituted linear or branched alkyl, C₆-C₃₀ substituted or unsubstituted cycloalkyl,~~ C₇-C₃₀ substituted or unsubstituted alkylenearyl[[,]] and mixtures thereof, and the remaining Q moieties are selected from the group consisting of lone pairs of electrons on the unreacted nitrogens, hydrogen, C₁-C₃₀ substituted or unsubstituted linear or branched alkyl, C₃-C₃₀ substituted or unsubstituted cycloalkyl, C₇-C₃₀ substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from [[0]]1 to 3;

B) the balance carriers and adjunct ingredients.